



**Section 1: Company and Product Identification**

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**Product Name:** Monocalcium Phosphate  
**Product Type:** Solid, (*Granular Solid*), Feed Grade  
**Product Code(s):** MCP

**Company:** Feed Products & Service Company  
11406 Gravois Rd.  
St. Louis, MO 63126  
PH: (314) 843-7300

**Manufacturer:** Phos Agro Chemical Co.  
JSC "Apatit" Balakovo Branch  
Proezd Chimikov, 1, Bikov Otrog  
village 1 Saratov Region, Balakovo  
413810

**Product Use(s):** Feed nutritive additive.

**Section 2: Hazards Identification**

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**Hazard Pictograms:**



**Signal Word:** Warning

**Hazard Category:** Serious eye damage/eye irritation Category 2

**Hazard Statements:** H319: Causes serious eye irritation

**Precautionary Statements:**  
P261: Avoid breathing dust  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P337+313: If eye irritation persists get medical advice/attention

**Hazards not otherwise classified:** May form combustible dust concentrations in air.

**Section 3: Composition / Information on Ingredients**

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Substance Name	Hazard Category	CAS#	Weight %
Calcium bis(dihydrogenorthophosphate)	Eye Irrit Cat 2	7758-23-8	>80
silica, total	See Section 8.	14808-60-7	<0.1

#### Section 4: First Aid Measures

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**General Info:** Creation of excessive dusts may result in exposures to mineral dusts (See section 8).

**Notable Exposure symptoms:** No specific notable exposure symptoms.

**If ingested:** Rinse mouth. Drink plenty of water. Consult medical attention if any symptoms develop.

**If inhaled:** Remove to fresh air. Observe for breathing difficulties. Consult medical advice if asthma-like symptoms develop.

**Eye contact:** Rinse eyes with water. Remove contacts if present. Consult medical advice if irritation persists.

**Skin contact:** Rinse with water. Consult medical advice if irritation develops.

**Additional Info:** No further information.

#### Section 5: Fire Fighting Measures

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**General Info:** This product may generate dusts. Combustible dust concentrations in air can develop in high concentrations. Ensure adequate ventilation.

**Extinguishing Method / Equipment:** Isolate area and ensure ventilation. Water spray, CO<sub>2</sub>, and/or inert foam.

**Hazardous Decomposition Info:** Constituents associated with burning / combustion are to be considered hazardous. Utilize product where ventilation is adequate.

#### Section 6: Accidental Release Measures

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**Personal precautions, protective equipment and procedures:** Material can be scooped up and placed in receptacle for disposal. If excessive dusts are created, control any obvious ignition sources. Ensure area is properly ventilated.

**Containment Equipment and Procedures:** Material can be stored in the original receptacle. Spilled material can be swept up, with an emphasis on dust minimization.

**Cleanup Procedures:** No specific measures.

#### Section 7: Handling and Storage

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**Safe Handling** Ensure adequate ventilation.

**Precautions:**

**Recommendations for Storage:** Store in product packaging until usage is warranted.

**Incompatibilities:** Store away from strong acids or oxidizing agents. Refer to Section 10.

## Section 8: Exposure Control / Personal Protection

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**General / Engineering Controls:** Local exhaust ventilation should be utilized to control dusts.

**Work Clothing:** Protective work clothing that prevents skin contact is suggested.

**Eye/face protection:** Utilize eye protection if eye contact is likely.

**Skin Protection:** Utilize work gloves as needed.

**Respiratory Protection:** If excessive dusts are created in confined environments, utilize dust mask or other respiratory protection as required to control exposure limits. See Exposure Limits below.

**Additional Information:** Observe good chemical hygiene practices.

Substance Name	OSHA PEL	ACGIH-TLV
calcium carbonate	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)	10 mg/m <sup>3</sup>
nuisance particulate	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> (dust)
Silica	R: (10mg/m <sup>3</sup> ) / (%SiO <sub>2</sub> + 2) T: (30 mg/m <sup>3</sup> ) / (%SiO <sub>2</sub> + 2) TWA	R: 0.025 mg/m <sup>3</sup>

## Section 9: Physical and Chemical Properties

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**State:** Powder      **Melting Point:** NA

**Freezing Point:** NA

**Color:** White powder      **Boiling Point/Range:** NA

**pH:** NA

**Bulk Density:** 750 kg/m<sup>3</sup>

**Odor:** odorless

**Water Solubility:** Partial

Evaporation rate: NA

Flash Point: NA / >100C

Part. Coeff NA  
(n-oct/water)

## Section 10: Stability and Reactivity

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**General:** Product is stable under normal conditions.

**Incompatible materials:** No specified materials.

**Decomposition products:** No decomposition products known. Constituents associated with burning may be harmful.

## Section 11: Toxicological Information

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**Toxicological Information (product):** LD50 oral >5,000 mg/kg. (Calcium phosphate 17,500 mg/kg, oral rat)

**Likely Routes of Exposure:** Eye contact, inhalation of dust

**Irritation:** Excessive contact may result in irritation of eyes, skin, or mucous membranes.

**Carcinogenicity or mutagenicity:** Product is not a carcinogen or mutagen.

**Sensitization:** Product is not a sensitizer.

## Section 12: Ecological Information

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**General information:** Product not tested. Not expected to pose an environmental hazard.

**Aquatic toxicity:** Not expected to have appreciable aquatic toxicity characteristics.

**Degradation / Mobility info:** No specific data available.

**Bioaccumulative potential:** No specific data available.

## Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** No further information.

## Section 14: Transport Information

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**DOT:** Product is not classified as dangerous goods.

### **Section 15: Regulatory Information**

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**TSCA:** All components listed on the TSCA 8(b) inventory.

**CERCLA RQ:** Not applicable.

**SARA 313** Not applicable.

**California Prop 65** Product contains low levels of silica.

**Substances:**

### **Section 16: Other Information**

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**SDS Author:** Feed Products & Service Company  
Quality Control Coordinator

**Version Date:** 9/11/2019

*The provider of this SDS suggests that the buyer or user to study it carefully and consult with appropriate expertise, as necessary to become aware of and understand the information contained herein. No warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer or user's responsibility to ensure that its activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. It is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Information regarding the exact chemical identity or concentration of certain substances may be reserved as a trade secret as per 29 CFR 1910.1200(i).*